

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084269 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/006414

(22) International Filing Date: 28 February 2005 (28.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/548,712 27 February 2004 (27.02.2004) US

(71) Applicant (for all designated States except US): **PEL-STAR, LLC** [US/US]; 7400 West 100th Place, Bridgeview, IL 60455 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NIZZERE, Paul, D.**; 7713 Stevens Street, Darien, IL 60561 (US). **LAWLER, Matthew, H.** [US/US]; 13738 West Ironwood Circle, Homerglen, IL 60441 (US). **DEYOUNG, Carla** [US/US]; 902 Clement, Joliet, IL 60437 (US). **KULUJIAN, Chris** [US/US]; 1020 West Ardmore 1M, Chicago, IL 60660

(US). **GHASSEMIAN, Morad** [US/US]; 1225 North Oak Park Avenue, Oak Park, IL 60302 (US). **KOTZE, Theron** [US/US]; 1510 West Byron, Apt. 1, Chicago, IL 60613 (US). **BEARINT, Timothy, A.** [US/US]; 10843 Canterbura Drive, Mokena, IL 60448 (US).

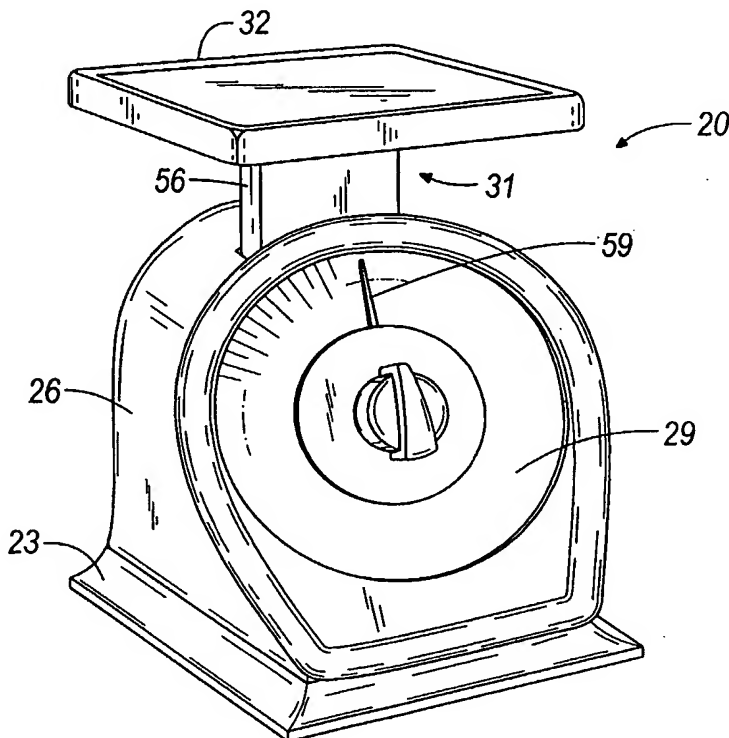
(74) Agent: **LAWSON, Edward, R., Jr.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: SCALE



(57) Abstract: The scale may include a base supportable on a surface, a measuring mechanism supported by the base and operable to measure a characteristic of an object, the measuring mechanism including a measuring platform on which the object is supportable, and an indicator supported by the housing, the indicator being operable to provide feedback to a user relating to a measured characteristic of the object. In some aspects, the scale may include a housing supported by the base, the housing cooperating with the base to cover at least a portion of the measuring mechanism, and a connecting assembly operable to removably connect the housing to the base. In some aspects, the scale may include a resistance device coupled to at least one of the indicator and the measuring mechanism and operable to resist oscillation of the indicator at least one of during a measurement and after a measurement. In some aspects, the scale may include a cylinder supported by the housing, and a piston connected to the platform for movement with the platform, the piston engaging the cylinder to provide a piston and cylinder assembly, the assembly being operable to resist movement of the platform at least one of during a measurement and

after a measurement.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.